

## **AMENDMENTS TO THE SPECIFICATION:**

Please amend the specification as follows:

Page 7, replace the paragraphs beginning on line 1 through line 15 with the following amended paragraphs:

The preferred polymerisation catalyst of the present invention is a bulky ligand compound also referred to as a metallocene complex containing at least one of the aforementioned delocalized  $\pi$ -bonded group, in particular cyclopentadienyl ligands. Such metallocene complexes are those based on Group **[[IVA]]** IVB metals for example titanium, zirconium and hafnium.

Metallocene complexes may be represented by the general formula:



where L is a cyclopentadienyl ligand, M is a Group **[[IVA]]** IVB metal, Q is a leaving group and x and n are dependent upon the oxidation state of the metal.

Typically the Group **[[IVA]]** IVB metal is titanium, zirconium or hafnium, x is either 1 or 2 and typical leaving groups include halogen or hydrocarbyl. The cyclopentadienyl ligands may be substituted for example by alkyl or alkenyl groups or may comprise a fused ring system such as indenyl or fluorenyl.

Page 7, replace the paragraph beginning on line 32 with the following amended paragraph:

wherein Cp is a single cyclopentadienyl or substituted cyclopentadienyl group optionally covalently bonded to M through a substituent, M is a Group **[[IVA]]** IVB metal bound in a  $\eta^5$  bonding mode to the cyclopentadienyl or substituted cyclopentadienyl group, X each occurrence is hydride or a moiety selected from the group consisting of

halo, alkyl, aryl, aryloxy, alkoxy, alkoxyalkyl, amidoalkyl, siloxyalkyl etc. having up to 20 non-hydrogen atoms and neutral Lewis base ligands having up to 20 non-hydrogen atoms or optionally one X together with cP forms a metallocycle with M and n is dependent upon the valency of the metal.